

Study Number: I94043

Test Type: TOX

Route: Dosing in Water

Species/Strain: Mouse/B6C3F1/N

PA46s: Summary of Gross Pathology

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 09/17/2021

Time Report Requested: 09:23:29

Lab: Burleson Research Technologies

Study Number:

I94043

Study Gender:

Female

PWG Approval Date:

See web page for date of PWG Approval

Version:

v1.3.2

Stat Version:

v2.7.2A

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Female: Immunopath

Treatment Groups (ppm)

	0	31.3	62.5	125	250	500	50 mg/kg CPS
Disposition Summary							
Animals Initially In Study	8	8	8	8	8	8	8
Censored							
Early Deaths							
Survivors							
Scheduled Sacrifice, Terminal	8	8	8	8	8	8	8
Number of Animals Examined	8	8	8	8	8	8	8
ALIMENTARY SYSTEM							
LIVER	(8)	(8)	(8)	(8)	(8)	(8)	(8)
DEFORMITY	1 (12.5%)						
DISCOLORATION; PALE	1 (12.5%)	3 (37.5%)	1 (12.5%)	2 (25.0%)	5 (62.5%)	3 (37.5%)	7 (87.5%) **
SMALL; MODERATE							1 (12.5%)
CARDIOVASCULAR SYSTEM							
None							
ENDOCRINE SYSTEM							
None							
GENERAL BODY SYSTEM							
None							
GENITAL SYSTEM							
None							

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HEMATOLYMPHOID SYSTEM							
SPLEEN	(8)	(8)	(8)	(8)	(8)	(8)	(8)
ENLARGED; MILD			1 (12.5%)				
ENLARGED; MODERATE	1 (12.5%)						
FOCUS; BLACK	1 (12.5%)				1 (12.5%)		
SMALL; MARKED	0						6 (75.0%) **
SMALL; MILD				1 (12.5%)	1 (12.5%)		
SMALL; MODERATE							2 (25.0%)
THYMUS	(0)	(0)	(0)	(0)	(0)	(0)	(8)
SMALL; MARKED	0						7 (87.5%) **
SMALL; MODERATE							1 (12.5%)
INTEGUMENTARY SYSTEM							
SKIN	(8)	(8)	(8)	(8)	(8)	(8)	(8)
ALOPECIA	3 (37.5%)	5 (62.5%)	7 (87.5%)	6 (75.0%)	6 (75.0%)	6 (75.0%)	1 (12.5%)
MUSCULOSKELETAL SYSTEM							
None							
NERVOUS SYSTEM							
None							
RESPIRATORY SYSTEM							
LUNG	(8)	(8)	(8)	(8)	(8)	(8)	(8)
DISCOLORATION; PALE	0 *				2 (25.0%)	2 (25.0%)	1 (12.5%)
SPECIAL SENSES SYSTEM							
None							

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URINARY SYSTEM							
KIDNEY, RIGHT	(8)	(8)	(8)	(8)	(8)	(8)	(0)
CYST					1 (12.5%)	1 (12.5%)	

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LEGEND

Censored animals are scheduled for sacrifice prior to the end of the study. The censored animals are included in the pathology data.

Number of animals examined for each tissue shown in parentheses. If none of the animals examined have the specific lesion then there is a blank for that dose group for that specific lesion. The exception to this is if statistical significance is found for a lesion and the control group has no animals with the lesion then a 0 is included for the control group on the table for that lesion.

Number (percent) of animals affected given for each observation

Statistical analysis performed by Cochran-Armitage (trend) and Fisher Exact (pairwise) one-sided tests.

Statistical analysis for the positive control group compared to the vehicle control group was performed using the Fisher Exact test.

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

* Statistically significant at $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

CPS = Cyclophosphamide

**** END OF REPORT ****